

Claims

What is claimed is:

- 1 1. A method, comprising:
 - 2 limiting data flow between two network nodes to an amount within a
 - 3 window where a first portion of data within a first segment of said window is
 - 4 separated from a second portion of data within a second segment of said
 - 5 window by a third portion of data not within said window.
- 1 2. The method of claim 1 further comprising sliding said second segment of
 - 2 said window forward upon reception of an earliest portion of said second
 - 3 portion of data.
- 1 3. The method of claim 2 wherein said second segment slides forward an
 - 2 amount equal to a minimum of:
 - 3 a) said earliest portion size;
 - 4 b) an amount limited by a first capacity of a first of said two network
 - 5 nodes;
 - 6 c) an amount limited by a second capacity of a second of said two
 - 7 network nodes.
- 1 4. The method of claim 3 wherein said first capacity of a first of said two
 - 2 network nodes further comprises a client burst limit.
- 1 5. The method of claim 3 wherein said second capacity of a second of said
 - 2 two network nodes further comprises a server burst limit.

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1 6. The method of claim 2 further comprising sending a request message over
2 said network for a fourth portion of data, said fourth portion of data within said
3 second segment of said window.

1 7. The method of claim 1 further comprising sliding said first segment of
2 said window forward and adjacent to said second window segment to form a
3 contiguous window upon reception of said first portion of data.

1 8. The method of claim 7 further comprising sliding said contiguous
2 window forward upon reception of an earliest portion of data within said
3 contiguous window.

1 9. The method of claim 1 wherein said first, second and third data portions
2 correspond to contiguous portions of a response requested from a server by said
3 client.

1 10. The method of claim 9 wherein said third portion of data has been
2 received by said client.

1 11. The method of claim 1 further comprising declaring said first portion of
2 data lost.

1 12. The method of claim 11 further comprising sending a request message for
2 said first portion of data.

1 13. The method of claim 12 further comprising marking said first portion of
2 data as "in transit".

1 14. The method of claim 11 further comprising reducing said window's size
2 as a result of said declaring said first portion of data lost.

1 15. The method of claim 1 further comprising increasing said window's size.

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